MIPRO®

SM-10
Saxophone Microphone Kit

ST-20/ST-30/ST-50/ST-70
Wireless Saxophone Transmitter Kit

User Guide

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2CE462A
AS120715

Design and specifications are subject to change without prior notice

Profile

The musical instrument microphone kits are years of collaborations with professional musicians. The key features are it fits snugly, easy to install & remove and protects the expensive musical instruments from surface scratches. Strategically placed in positions that will pick up accurate acoustic reproduction during performance without the handling, movement and hitting noises.

SM-10 Saxophone Microphone Kit included components:

SM-10M Saxophone Microphone

SM-10C Saxophone Microphone Cable

SM-10H Saxophone Microphone Clip

ST-20 Wireless Saxophone Transmitter Kit included components:

ST-20H Saxophone Transmitter Holder

ACT-20T(ST) Miniature Transmitter

ST-30 Wireless Saxophone Transmitter Kit included components:

ST-20H Saxophone Transmitter Holder

ACT-20T(ST) Miniature Transmitter

Ideal for **ACT-311/ACT-312** receiver.

ST-50 Wireless Saxophone Transmitter Kit included components:

ST-20H Saxophone Transmitter Holder

ACT-20T(ST) Miniature Transmitter

Ideal for **ACT-515** receiver.

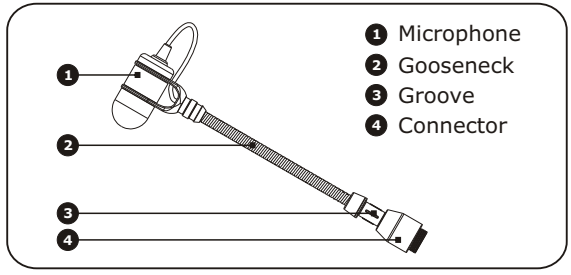
ST-70 Wireless Saxophone Transmitter Kit included components:

ST-20H Saxophone Transmitter Holder

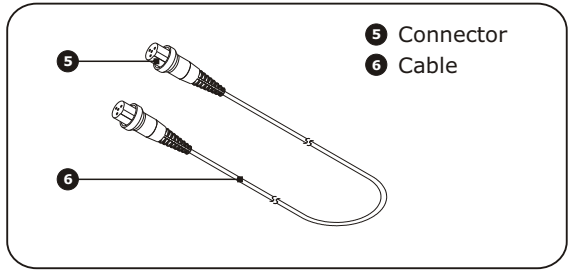
ACT-20T(ST) Miniature Transmitter

Ideal for **ACT-717/ACT-727/ACT-747** receiver.

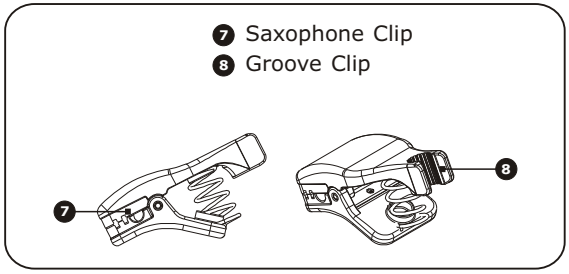
SM-10 Saxophone Microphone



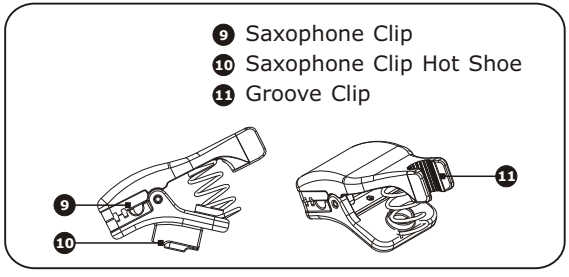
SM-10C Saxophone Microphone Cable



SM-10H Saxophone Microphone Clip

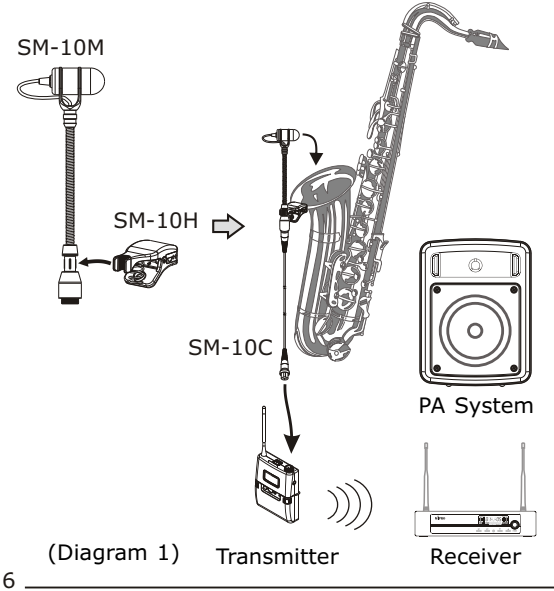


ST-20H Saxophone Transmitter Holder



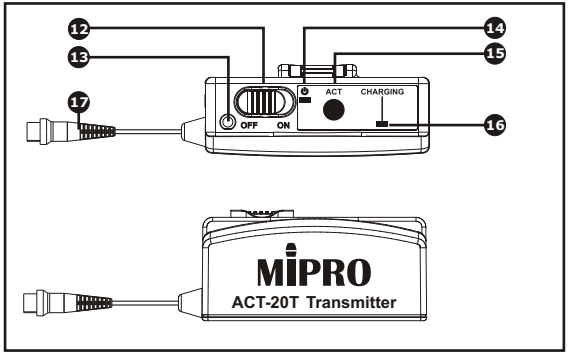
SM-10 Wireless Transmission Illustration

- Attach groove clip of SM-10H to groove of SM-10M.
- Clip SM-10H onto a saxophone or other musical instrument. Adjust the gooseneck for ideal angle.
- Connect SM-10C Saxophone Microphone Cable onto any MIPRO bodypack transmitter for wireless transmission. (see diagram 1)



(Diagram 1)

Transmitter Controls & Indicators



⓬ **Power On/Off Switch**

⓭ **Charging Socket:** Use supplied charger only.

⓮ **Power Indicator:**

Fresh Battery - The Power Indicator will illuminate for 1 second and extinguish after power is turned on.

Low Battery - The Power Indicator will flash continuously indicating the battery level is low and needs to be recharged within 10 minutes.

Successful ACT syncing: The Power Indicator will illuminate for 1 second and extinguish after channels are synchronized successfully.

Unsuccessful ACT syncing: The Power Indicator will flash continuously for 5-6 seconds. Check to see if different transmitter and receiver frequency bands are used.

⓯ **ACT (IR) Port:** Align both receiver and transmitter ACT ports within 30cm of each other when the ACT button on the receiver is pressed for a successful ACT synchronization.

⓰ **Charging Indicator:** Red LED indicator denotes charging; Green LED indicator denoted charged and ready. Fully charge may take up to 3-4 hours.

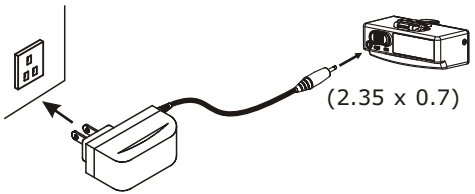
⓱ **Connecting Cable and Connector**

Charging the ACT-20T(ST)

- Power off transmitter.
- Plug the supplied charger into the AC mains input socket and then plug it into ACT-20T(ST).
- Do not use charger from other brands to avoid insufficient voltage or current.
- Do not exceed the input supply voltage as it may damage the battery charger, rechargeable battery and transmitter itself. The output of MIPRO DC power supply is 12V/0.2A.

Viewing Charging Status

- Charging: Red LED indicator.
- Charged: Green LED indicator.

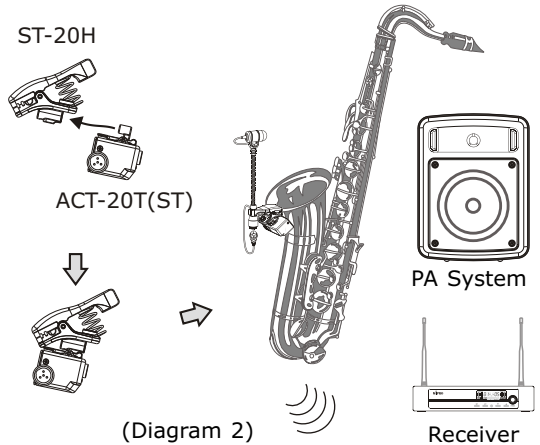


Note:

Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by useage and user settings.

ST-20 Wireless Transmission Illustration

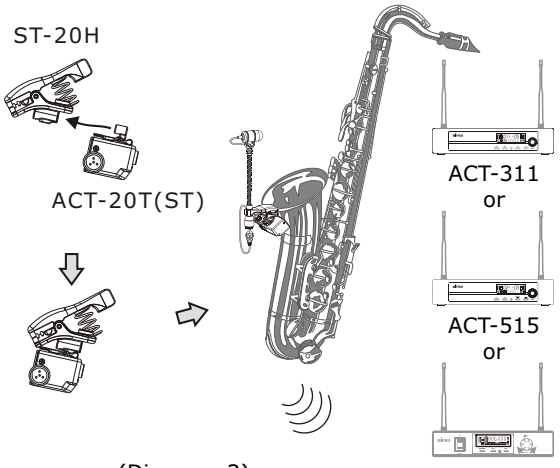
- Mount ACT-20T(ST) onto hot spot of ST-20H.
- Clip firmly onto a saxophone.
- Mount saxophone microphone onto the saxophone clip and adjust for ideal angle. (see diagram 2)
- ST-20 kit is designed for performers having existing MIPRO receivers.
- ST-20 kit includes ST-20H, ACT-20T(ST) and requires SM-10M saxophone microphone.
- Connect SM-10C Saxophone Microphone Cable onto any MIPRO bodypack transmitter for wireless transmission. (see diagram 2)



(Diagram 2)

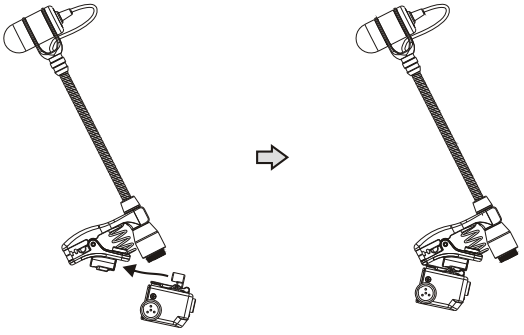
ST-30/ST-50/ST-70
Wireless Transmission Illustration

- Mount ACT-20T(ST) onto hot shoe of ST-20H.
- Clip firmly onto a saxophone.
- Mount saxophone microphone onto the saxophone clip and adjust for ideal angle. (see diagram 3)
- ST-30 kit is designed with MIPRO ACT-311/ ACT-312 diversity receiver, ST-20H and ACT-20T(ST). Ideal for smaller crowds.
- ST-50 kit is designed with MIPRO ACT-515 true diversity receiver, ST-20H and ACT-20T(ST). Ideal for medium crowds.
- ST-70 kit is designed with MIPRO ACT-717/ ACT-727/ACT-747 true diversity receiver, ST-20H and ACT-20T(ST). Ideal for large crowds in large professional venues.



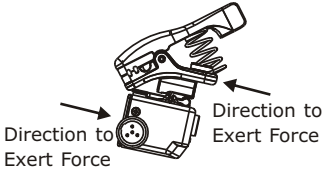
(Diagram 3)

Connection ACT-20T(ST) Miniature Transmitter & ST-20H Saxophone Transmitter Holder



Mount ACT-20T(ST) firmly onto hot shoe of ST-20H.

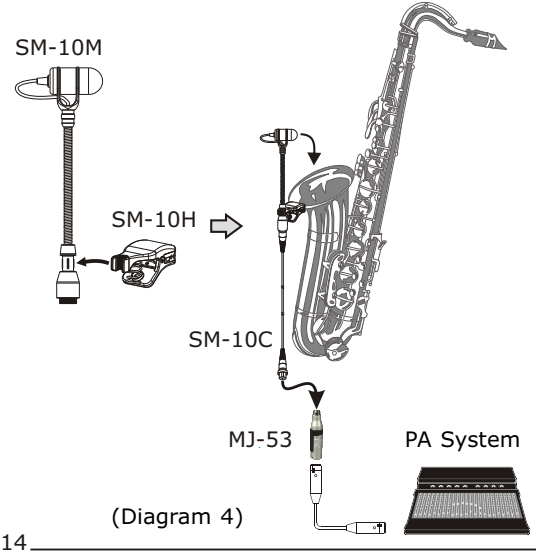
Once firmly in place, clip it onto a saxophone.



To detach, reverse and push ACT-20T(ST) & ST-20H away from each other.

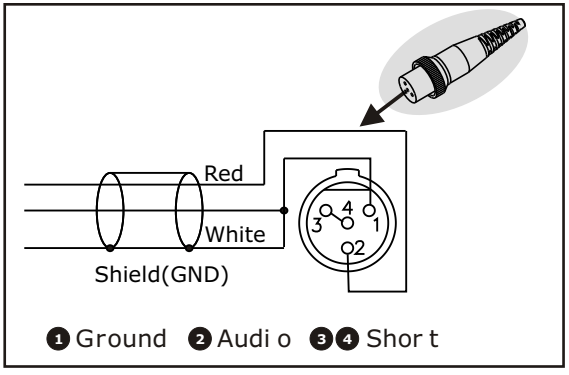
SM-10 Wired Transmission Illustration

- Attach groove clip of SM-10H to groove of SM-10M.
- Clip SM-10H onto a saxophone or other musical instrument. Adjust the gooseneck for ideal angle.
- Connect SM-10C Saxophone Microphone Cable onto a MIPRO MJ-53 Condenser Microphone Adaptor. MJ-53 provides 12V~48V DC phantom power with a XLR output to the mixer input for a wired transmission. (see diagram 4)



(Diagram 4)

Illustration



FC & IC - ID

THIS DEVICE COMPLIES WITH PART 74 OF THE FCC RULES AND RSS-123 ISSUE2 OF CANADA. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

Disposal

Dispose of any unusable devices or batteries responsibly and in accordance with any applicable regulations.

Disposing of used batteries with domestic waste is to be avoided!

Batteries / NiCad cells often contain heavy metals such as cadmium(Cd), mercury(Hg) and lead(Pb) that makes them unsuitable for disposal with domestic waste. You may return spent batteries/ accumulators free of charge to recycling centres or anywhere else batteries/accumulators are sold.

By doing so, you contribute to the conservation of our environment!